Propositions

Accompanying the PhD thesis

Peroxisomal membrane contact sites in the yeast *Hansenula polymorpha*

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1. Identification of peroxisomal membrane contact sites will not only advance our knowledge in cell biology but also our understanding of peroxisomal biogenesis disorders (Chapter 1).

2. Yeast mutants devoid of any peroxisomal structures do not exist (Chapter 1; Knoops et al., 2014; Wroblewska et al., 2017).

3. The presence of multiple small peroxisomes and/or pre-peroxisomal structures in yeast mutants affected in peroxisomal membrane contact sites challenges the growth and division model (This thesis).

4. Characterization of the phospholipid composition of each peroxisomal membrane contact site and of the substrate specificity of lipid transfer proteins in the contact sites will help our understanding of the regulation and molecular functions of these contacts.

5. The resolution of fluorescence microscopy is not sufficient to determine the subcellular localization of specific organellar membrane proteins.

6. “Live as if you were to die tomorrow. Learn as if you were to live forever.” — Mahatma Gandhi

7. It should not be mandatory to write propositions since this is not the aim of the PhD research and is distracting the attention as you are reading this proposition.

8. “Yesterday I was clever, so I wanted to change the world. Today I am wise, so I am changing myself.” — Rumi